

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A device for ligament reconstruction comprising:

a tip and body each having at least two parallel through-holes formed therein in juxtaposition, wherein said body is connected to an outer peripheral longitudinal extending surface of said tip; and

a rear-end having at least two rear-end through-holes ~~formed therein~~ extending in juxtaposition coaxially with the through-holes formed in said tip and body,

wherein said tip and body has either one of a uniform generally elliptical or generally rectangular cross section elongated in a direction in which the through-holes thereof are juxtaposed, said rear-end being configured to drive said tip and body into a bone which receives ligament reconstruction.
2. (Currently Amended) The ligament reconstruction device as set forth in claim 1, wherein the generally elliptical or rectangular cross section of said tip has a major axis/minor axis ratio of 2 to 5.
3. (Currently Amended) The ligament reconstruction device as set forth in claim 1, wherein the elliptical cross section of said tip is of a generally oval shape or a racetrack-like elliptical shape.

4. (Previously Presented) The ligament reconstruction device as set forth in claim 3, wherein the racetrack-like elliptical shape is defined by a pair of parallel straight lines spaced a distance of 3mm to 6mm from each other and each having a length of 4mm to 8mm and a pair of semicircles connecting opposite ends of the straight lines.

5. (Currently Amended) The ligament reconstruction device as set forth in claim 1, wherein the rectangular cross section of said tip has a minor edge length of 3mm to 6mm and a major edge length of 7mm to 14mm.

6. (Previously Presented) The ligament reconstruction device as set forth in claim 1, wherein the tip and body has a cross sectional area of 21 mm² to 84 mm².

7. (Previously Presented) The ligament reconstruction device as set forth in claim 1, wherein the ligament reconstruction is reconstruction of an anterior cruciate ligament.

8. (Previously Presented) A method for ligament reconstruction utilizing a ligament reconstruction device as recited in claim 1, the method comprising:

drilling a single center guide pin into an articular bone and over-drilling the guide pin to a predetermined depth;

drilling two guide pins into the bone parallel to the center guide pin and then removing the center guide pin;

over-drilling the two guide pins; and

driving the tip and body of the ligament reconstruction device into the articular bone from a cortex of the articular bone toward a ligament attachment portion inside a joint by hitting the rear end portion of the ligament reconstruction device to form a flat tunnel into which one end portion of a ligament is to be inserted.

9. (Previously Presented) The ligament reconstruction method as set forth in claim 8, wherein the ligament is an anterior cruciate ligament with a bone piece.

10. (Previously Presented) The ligament reconstruction method as set forth in claim 8, wherein the ligament reconstruction is reconstruction of an anterior cruciate ligament, and the articular bone is a tibia.